

$$1 \quad [R] \rightleftharpoons [R^*]$$

$$2 \quad [R] \rightleftharpoons [R^*] + [A] \rightleftharpoons [R^*A]$$

$$3 \quad [IR] \rightleftharpoons [I] + [R] \rightleftharpoons [R^*] + [A] \rightleftharpoons [R^*A]$$

$$4 \quad [R^a] \rightleftharpoons [R^{a*}]$$

$$5 \quad [IR^a] \rightleftharpoons [I] + [R^a] \rightleftharpoons [R^{a*}]$$

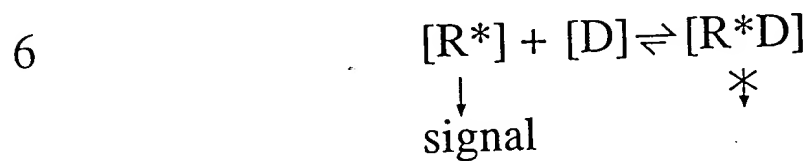


Figure 1

Figure 2

